

| Ref # | Hits   | Search Query                                      | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|---|------------------|---------|------------------|
| L1    | 1713   | (455/456.1).CCLS.                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/19 10:00 |
| L2    | 300    | (455/404.2).CCLS.                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/19 10:00 |
| L3    | 567    | (455/446).CCLS.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/07/19 10:00 |
| L4    | 267997 | (second near5 (respon\$4 or message))             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/19 10:02 |
| L5    | 12388  | (position or loaction) near3 (request or message) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/19 10:02 |
| L6    | 3559   | 4 and 5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/19 10:02 |
| L7    | 51     | 1 and 6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/19 10:02 |
| L8    | 0      | 3 and 7   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/19 10:02 |
| L9    | 3      | 2 and 7   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/07/19 10:02 |

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|-----|------|--------------------|---|----|-----|------------------|
| S1  | 385  | (455/404.1).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/11 14:54 |
| S2  | 296  | (455/404.2).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/11 14:54 |
| S3  | 0    | (455/4456.1).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/11 14:55 |
| S4  | 1696 | (455/456.1).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/11 14:55 |
| S5  | 315  | (455/456.2).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/11 14:55 |
| S6  | 382  | (455/456.3).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/11 14:55 |
| S7  | 71   | (455/456.4).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/11 14:55 |
| S8  | 371  | (455/456.5).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/11 14:55 |
| S9  | 1383 | (455/445).CCLS.    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 10:00 |
| S10 | 522  | (455/458).CCLS.    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/11 14:56 |

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| S11 | 424    | (455/428).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/11 14:56 |
| S12 | 8617   | (position or loaction) near2<br>(request or message)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/19 10:02 |
| S13 | 40682  | call near2 (originat\$4 or (set adj<br>up) or initiat\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/11 14:57 |
| S14 | 62612  | (continu\$4 or plurality) with<br>(position or location) with<br>(request\$3 or message or<br>signal\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/11 14:59 |
| S15 | 281153 | (actual or observ\$3 or absolute or<br>reference or difference or<br>subtract\$3) near3 time             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/11 15:00 |
| S16 | 10358  | S14 and S15  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/11 15:00 |
| S17 | 446    | S12 and S16  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/11 15:01 |
| S18 | 26455  | call near5 (terminat\$4 or releas\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 09:07 |
| S19 | 36     | S17 and S18  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/11 15:02 |
| S20 | 386    | (455/404.1).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 08:39 |

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|-----|--------|---|---|----|-----|------------------|
| S21 | 296    | (455/404.2).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 08:39 |
| S22 | 0      | (455/4456.1).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 08:39 |
| S23 | 1698   | (455/456.1).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 08:39 |
| S24 | 315    | (455/456.2).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 08:39 |
| S25 | 382    | (455/456.3).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 08:39 |
| S26 | 71     | (455/456.4).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 08:39 |
| S27 | 371    | (455/456.5).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 08:39 |
| S28 | 1383   | (455/445).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 08:39 |
| S29 | 424    | (455/428).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 08:39 |
| S30 | 405409 | (system or network ) near3<br>(calibrat\$4 or improv\$5 or<br>optimi\$6 or enhanc\$6) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 08:42 |

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| S31 | 360520 | (position or location) with<br>(updat\$4 or request or messag\$3<br>or respon\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/12 08:43 |
| S32 | 3051   | S30 same S31  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/12 08:43 |
| S33 | 14     | S21 and S32   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/12 08:55 |
| S34 | 11     | S29 and S32   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/12 08:59 |
| S35 | 4683   | (mobile adj switch adj center or<br>(MSC)) with call                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/12 12:21 |
| S36 | 12     | S32 same S35  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/12 09:08 |
| S37 | 40714  | call near2 (originat\$4 or (set adj<br>up) or initiat\$4)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/12 09:07 |
| S38 | 23618  | call near3 (terminat\$4 or releas\$3<br>or triggr\$3)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/12 09:08 |
| S39 | 13337  | S37 and S38   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/12 09:08 |
| S40 | 83     | S32 and S35   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/07/12 09:08 |

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| S41 | 42   | S39 and S40                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 09:13 |
| S42 | 13   | S41 and (second adj2 (respon\$4<br>or message)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 09:19 |
| S43 | 25   | S27 and (second adj2 (respon\$4<br>or message)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/19 10:01 |
| S44 | 537  | (342/450).CCLS.                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 09:25 |
| S45 | 419  | (342/357.1).CCLS.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 09:26 |
| S46 | 942  | S44 or S45                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 09:26 |
| S47 | 27   | S32 and S46                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 09:36 |
| S48 | 2    | ("5394540").PN.                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 09:37 |
| S49 | 1021 | (455/423).CCLS.                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 09:37 |
| S50 | 5    | S32 and S49                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 09:40 |

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| S51 | 2  | ("5737517").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 09:40 |
| S52 | 2  | ("5809108").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 09:40 |
| S53 | 2  | ("5835565").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 09:40 |
| S54 | 2  | ("6169883").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 09:40 |
| S55 | 2  | ("6272450").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 09:41 |
| S56 | 2  | ("6327350").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 09:41 |
| S57 | 2  | ("6336035").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 09:41 |
| S58 | 0  | ("29or32or33or34or35or36or37or38").PN.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 09:42 |
| S59 | 16 | S48 or S51 or S52 or S53 or S54<br>or S55 or S56 or S57 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 09:44 |
| S60 | 0  | S59 and "134"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 09:44 |

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| S61 | 0     | S32 and S59                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 09:44 |
| S62 | 655   | (455/432.1).CCLS.                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 12:16 |
| S63 | 787   | (455/435.1).CCLS.                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 12:16 |
| S64 | 1325  | S62 or S63                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 12:17 |
| S65 | 21    | S32 and S64                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 12:17 |
| S66 | 76145 | (second adj2 (respon\$4 or<br>message)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 12:21 |
| S67 | 0     | S65 and S66                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 12:21 |
| S68 | 136   | S64 and S66                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 12:21 |
| S69 | 0     | S68 and S40                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 12:22 |
| S70 | 37    | S68 and S39                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 12:22 |



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| S71 | 53347 | S30 and S31     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 12:22 |
| S72 | 7     | S70 and S71     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 12:22 |
| S73 | 566   | (455/446).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/12 13:04 |
| S74 | 3     | S73 and S32     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/12 13:04 |